

MONTANA HIGHWAY PATROL-Fatality Crash Information
From January 1, 2017 to June 26, 2017

Table 1: Digest	2015		2016		2017		Percent Change	
	Crashes	Deaths	Crashes	Deaths	Crashes	Deaths	Crashes	Deaths
INTERSTATE	9	9	13	18	13	14	0.00%	-22.22%
PRIMARY	26	26	25	26	26	29	4.00%	11.54%
RURAL	20	21	19	19	19	20	0.00%	5.26%
SECONDARY	10	12	9	9	7	7	-22.22%	-22.22%
URBAN	4	4	5	5	4	4	-20.00%	-20.00%
Total	69	72	71	77	69	74	-2.82%	-3.90%

In this report, Percent Change columns reflect the change between the latest two years.

Please Don't Leave Me!

Estimated Vehicle Interior Air Temperature v. Elapsed Time

Estimated Vehicle Interior Air Temperature v. Elapsed Time

Elapsed time	Outside Air Temperature (F)					
	70	75	80	85	90	95
0 minutes	70	75	80	85	90	95
10 minutes	89	94	99	104	109	114
20 minutes	99	104	109	114	119	124
30 minutes	104	109	114	119	124	129
40 minutes	108	113	118	123	128	133
50 minutes	111	116	121	126	131	136
60 minutes	113	118	123	128	133	138
> 1 hour	115	120	125	130	135	140

Courtesy Jan Null, CCM; Department of Geosciences, San Francisco State University

A message brought to you by:

K-9 Saar



MONTANA HIGHWAY PATROL
WEEKLY FATAL REPORT



MONTANA HIGHWAY PATROL-Fatality Crash Information
From January 1, 2017 to June 26, 2017

CONFIRMED as of Jun 1st Jan 1 to Mar 31	2015		2016		2017		Percent Change	
Table 2: Category Stats	Crashes	Deaths	Crashes	Deaths	Crashes	Deaths	Crashes	Deaths
Total for Time Period	23	23	39	42	27	30	-30.77%	-28.57%
Alcohol a Factor**	11	11	16	18	9	11	-43.75%	-38.89%
Drugs a Factor**	6	6	12	12	13	15	8.33%	25.00%
Speed a Factor	9	9	7	8	13	15	85.71%	87.50%
One Vehicle Crashes	15	15	29	29	11	11	-62.07%	-62.07%
Seat Belts Not Used	11	11	22	23	12	13	-45.45%	-43.48%
Seat Belts Used	5	5	7	8	10	12	42.86%	50.00%
Seat Belts Unknown	1	1	1	2	1	1	0.00%	-50.00%
Motorcycle Involved	3	3	1	1	1	1	0.00%	0.00%
ATV Involved	0	0	0	0	0	0	0.00%	0.00%
Helmets Used	1	1	0	0	0	0	0.00%	0.00%
Bicycle Involved	0	0	1	1	0	0	-100.00%	-100.00%
Pedestrian Involved	3	3	7	7	3	3	-57.14%	-57.14%
Commercial Vehicle Involved	3	3	5	6	7	7	40.00%	16.67%
Hazardous Materials Involved	0	0	0	0	1	1	0.00%	0.00%
Other than Dry Roads	5	5	11	12	15	16	36.36%	33.33%
Occurred During Daylight Hrs	7	7	17	17	15	17	-11.76%	0.00%
Out of State Vehicle Involved	2	2	6	6	8	8	33.33%	33.33%

Table 2: This information is derived from the completed crash investigation.

CONFIRMED as of Jun 1st Jan 1 to Mar 31	2015		2016		2017	
Table 3: Percentages	Crashes	Deaths	Crashes	Deaths	Crashes	Deaths
Total For Time Period	23	23	39	42	27	30
Alcohol a Factor**	47.83%	47.83%	41.03%	42.86%	33.33%	36.67%
Drugs a Factor**	26.09%	26.09%	30.77%	28.57%	48.15%	50.00%
Speed a Factor	39.13%	39.13%	17.95%	19.05%	48.15%	50.00%
One Vehicle Crashes	65.22%	65.22%	74.36%	69.05%	40.74%	36.67%
Seat Belts Not Used	47.83%	47.83%	56.41%	54.76%	44.44%	43.33%
Seat Belts Used	21.74%	21.74%	17.95%	19.05%	37.04%	40.00%
Seat Belts Unknown	4.35%	4.35%	2.56%	4.76%	3.70%	3.33%
Motorcycle Involved	13.04%	13.04%	2.56%	2.38%	3.70%	3.33%
ATV Involved	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Helmets Used	4.35%	4.35%	0.00%	0.00%	0.00%	0.00%
Bicycle Involved	0.00%	0.00%	2.56%	2.38%	0.00%	0.00%
Pedestrian Involved	13.04%	13.04%	17.95%	16.67%	11.11%	10.00%
Commercial Vehicle Involved	13.04%	13.04%	12.82%	14.29%	25.93%	23.33%
Hazardous Materials Involved	0.00%	0.00%	0.00%	0.00%	3.70%	3.33%
Other than Dry Roads	21.74%	21.74%	28.21%	28.57%	55.56%	53.33%
Occurred During Daylight Hrs	30.43%	30.43%	43.59%	40.48%	55.56%	56.67%
Out-of-State Veh. Involved	8.70%	8.70%	15.38%	14.29%	29.63%	26.67%

Table 3: This information is the percent of the total for the time period. For example, from January 1st to July 31st there were 106 fatalities. Of these 106 fatalities, 44.34% had alcohol as a confirmed contributing factor.

* Seat Belts Unknown - The investigation is complete but belt use was unable to be determined, such as in a car fire.

** For the specific time period listed on tables 2 & 3, the alcohol and drug test results for 0 crashes in 2017 is still pending.



MONTANA HIGHWAY PATROL
WEEKLY FATAL REPORT



MONTANA HIGHWAY PATROL-Fatality Crash Information
From January 1, 2017 to June 26, 2017

SUSPECTED and Latest Jan 1 to Jun 26	2015		2016		2017		Percent Change	
Table 4: Category Stats	Crashes	Deaths	Crashes	Deaths	Crashes	Deaths	Crashes	Deaths
Total for Time Period	69	72	71	77	69	74	-2.82%	-3.90%
Alcohol Suspected	36	39	32	37	27	30	-15.63%	-18.92%
Drugs Suspected	23	25	24	27	16	18	-33.33%	-33.33%
Speed Suspected	23	25	18	22	31	35	72.22%	59.09%
One Vehicle Crashes	51	54	53	54	38	39	-28.30%	-27.78%
Seat Belts Not Used	36	39	37	40	34	36	-8.11%	-10.00%
Seat Belts Used	14	14	13	15	18	21	38.46%	40.00%
Seat Belts Unknown	1	1	1	2	1	1	0.00%	-50.00%
Motorcycle Involved	8	8	7	7	8	8	14.29%	14.29%
ATV Involved	3	3	3	3	2	2	-33.33%	-33.33%
Helmets Used	4	4	3	3	3	3	0.00%	0.00%
Bicycle Involved	0	0	1	1	1	1	0.00%	0.00%
Pedestrian Involved	6	6	8	8	5	5	-37.50%	-37.50%
Commercial Vehicle Involved	5	5	9	12	11	12	22.22%	0.00%
Hazardous Materials Involved	0	0	0	0	2	2	0.00%	0.00%
Other than Dry Roads	9	9	14	17	20	22	42.86%	29.41%
Occurred During Daylight Hrs	38	41	37	38	47	50	27.03%	31.58%
Out of State Vehicle Involved	11	13	9	11	16	17	77.78%	54.55%

Table 4: This information is derived from the preliminary investigation at the scene of the crash.

SUSPECTED and Latest Jan 1 to Jun 26	2015		2016		2017	
Table 5: Percentages	Crashes	Deaths	Crashes	Deaths	Crashes	Deaths
Total For Time Period	69	72	71	77	69	74
Alcohol Suspected	52.17%	54.17%	45.07%	48.05%	39.13%	40.54%
Drugs Suspected	33.33%	34.72%	33.80%	35.06%	23.19%	24.32%
Speed Suspected	33.33%	34.72%	25.35%	28.57%	44.93%	47.30%
One Vehicle Crashes	73.91%	75.00%	74.65%	70.13%	55.07%	52.70%
Seat Belts Not Used	52.17%	54.17%	52.11%	51.95%	49.28%	48.65%
Seat Belts Used	20.29%	19.44%	18.31%	19.48%	26.09%	28.38%
Seat Belts Unknown	1.45%	1.39%	1.41%	2.60%	1.45%	1.35%
Motorcycle Involved	11.59%	11.11%	9.86%	9.09%	11.59%	10.81%
ATV Involved	4.35%	4.17%	4.23%	3.90%	2.90%	2.70%
Helmets Used	5.80%	5.56%	4.23%	3.90%	4.35%	4.05%
Bicycle Involved	0.00%	0.00%	1.41%	1.30%	1.45%	1.35%
Pedestrian Involved	8.70%	8.33%	11.27%	10.39%	7.25%	6.76%
Commercial Vehicle Involved	7.25%	6.94%	12.68%	15.58%	15.94%	16.22%
Hazardous Materials Involved	0.00%	0.00%	0.00%	0.00%	2.90%	2.70%
Other than Dry Roads	13.04%	12.50%	19.72%	22.08%	28.99%	29.73%
Occurred During Daylight Hrs	55.07%	56.94%	52.11%	49.35%	68.12%	67.57%
Out-of-State Veh. Involved	15.94%	18.06%	12.68%	14.29%	23.19%	22.97%

Table 5: This information is the percent of the total for the time period. For example, from January 1st to July 31st there were 106 fatalities. Of these 106 fatalities, 44.34% had alcohol as a confirmed contributing factor.



MONTANA HIGHWAY PATROL
WEEKLY FATAL REPORT



MONTANA HIGHWAY PATROL-Fatality Crash Information
From January 1, 2017 to June 26, 2017

Table 6: Deaths	DISTRICT 1 - MISSOULA				DISTRICT 2 - GREAT FALLS			
Route	2015	2016	2017	AVG.	2015	2016	2017	AVG.
INTERSTATE	2	1	2	1.7	1	4	1	2.0
PRIMARY	8	1	2	3.7	4	2	0	2.0
RURAL	4	0	2	2.0	2	1	1	1.3
SECONDARY	0	0	0	0.0	0	1	0	0.3
URBAN	0	0	1	0.3	0	1	0	0.3
TOTAL DEATHS	14	2	7	7.7	7	9	2	6.0
	DISTRICT 3 - BUTTE				DISTRICT 4 - BILLINGS			
INTERSTATE	1	2	5	2.7	3	4	3	3.3
PRIMARY	1	1	6	2.7	3	4	4	3.7
RURAL	0	2	0	0.7	3	6	3	4.0
SECONDARY	0	0	1	0.3	3	4	2	3.0
URBAN	1	0	1	0.7	1	4	0	1.7
TOTAL DEATHS	3	5	13	7.0	13	22	12	15.7
	DISTRICT 5 - GLENDIVE				DISTRICT 6 - KALISPELL			
INTERSTATE	1	4	0	1.7	0	0	0	0.0
PRIMARY	3	8	6	5.7	3	6	7	5.3
RURAL	5	4	0	3.0	3	3	4	3.3
SECONDARY	1	0	2	1.0	2	3	0	1.7
URBAN	0	0	1	0.3	0	0	1	0.3
TOTAL DEATHS	10	16	9	11.7	8	12	12	10.7
	DISTRICT 7 - BOZEMAN				DISTRICT 8 - HAVRE			
INTERSTATE	1	2	3	2.0	0	1	0	0.3
PRIMARY	1	3	1	1.7	3	1	3	2.3
RURAL	2	1	3	2.0	2	2	7	3.7
SECONDARY	2	0	2	1.3	4	1	0	1.7
URBAN	1	0	0	0.3	1	0	0	0.3
TOTAL DEATHS	7	6	9	7.3	10	5	10	8.3
	ALL DISTRICTS							
INTERSTATE	9	18	14	13.7				
PRIMARY	26	26	29	27.0				
RURAL	21	19	20	20.0				
SECONDARY	12	9	7	9.3				
URBAN	4	5	4	4.3				
TOTAL DEATHS	72	77	74	74.3				



MONTANA HIGHWAY PATROL-Fatality Crash Information
From January 1, 2017 to June 26, 2017

Table 7: Crashes	DISTRICT 1 - MISSOULA				DISTRICT 2 - GREAT FALLS			
Route	2015	2016	2017	AVG.	2015	2016	2017	AVG.
INTERSTATE	2	1	2	1.7	1	2	1	1.3
PRIMARY	8	1	2	3.7	4	2	0	2.0
RURAL	4	0	2	2.0	2	1	1	1.3
SECONDARY	0	0	0	0.0	0	1	0	0.3
URBAN	0	0	1	0.3	0	1	0	0.3
TOTAL CRASHES	14	2	7	7.7	7	7	2	5.3
	DISTRICT 3 - BUTTE				DISTRICT 4 - BILLINGS			
INTERSTATE	1	2	4	2.3	3	3	3	3.0
PRIMARY	1	1	5	2.3	3	4	3	3.3
RURAL	0	2	0	0.7	2	6	3	3.7
SECONDARY	0	0	1	0.3	3	4	2	3.0
URBAN	1	0	1	0.7	1	4	0	1.7
TOTAL CRASHES	3	5	11	6.3	12	21	11	14.7
	DISTRICT 5 - GLENDIVE				DISTRICT 6 - KALISPELL			
INTERSTATE	1	2	0	1.0	0	0	0	0.0
PRIMARY	3	7	6	5.3	3	6	7	5.3
RURAL	5	4	0	3.0	3	3	4	3.3
SECONDARY	1	0	2	1.0	2	3	0	1.7
URBAN	0	0	1	0.3	0	0	1	0.3
TOTAL CRASHES	10	13	9	10.7	8	12	12	10.7
	DISTRICT 7 - BOZEMAN				DISTRICT 8 - HAVRE			
INTERSTATE	1	2	3	2.0	0	1	0	0.3
PRIMARY	1	3	1	1.7	3	1	2	2.0
RURAL	2	1	3	2.0	2	2	6	3.3
SECONDARY	2	0	2	1.3	2	1	0	1.0
URBAN	1	0	0	0.3	1	0	0	0.3
TOTAL CRASHES	7	6	9	7.3	8	5	8	7.0
	ALL DISTRICTS							
INTERSTATE	9	13	13	11.7				
PRIMARY	26	25	26	25.7				
RURAL	20	19	19	19.3				
SECONDARY	10	9	7	8.7				
URBAN	4	5	4	4.3				
TOTAL CRASHES	69	71	69	69.7				

